



MODEL MVD

Single Fixture Temperature Controller

(34D300 Series)

Job Name:

Contractor:

Job Location:

P.O. Number:

Engineer:

Representative:

Tag:

Wholesale Distributor:

DESCRIPTION

The Apollo® MVD "Mini" Thermostatic mixing valve is designed to maintain and limit hot water to a desired temperature between 80°F and 120°F (27°C and 49°C). The mixing valve is listed to ASSE Standard 1070 for single fixture Point-of-Use applications. It comes equipped with a high temperature limit stop and integral inlet check valves. These valves will hold a desired temperature within $\pm 3^\circ\text{F}$.



FEATURES

- Dezincification resistant Bronze body
- Locking Control Knob
- Tamper Resistant Temperature Limit Stop
- Integral Check Valves
- Hot / Cold Water Failure Protection
- 3/8" Compression Tube / Braided Hose Connection
- Single Outlet for Sensor Faucets
- Bypass Fitting Option for Dual Control Faucets
- Satin Chrome Plating Option
- Made in the USA – ARRA Compliant

MATERIAL

Body: ASTM B584 Bronze
 Shuttle: Modified PPO Noryl®
 O-ring: Chloramine Resistant EPDM
 Thermostat: Copper / Wax filled
 Spring: ASTM A313 Stainless Steel
 Handle: ABS Thermoplastic

PERFORMANCE RATINGS

- Minimum Supply Pressure: **30psi (207 kPa)**
- Minimum HW Inlet/Outlet Temp. differential: **15°F**
- Maximum HW/CW Pressure differential: **25%**.
- Hot Inlet temperature range: **120°F-200°F (49°C- 93°C)**
- Cold Inlet temperature range: **38°F-80°F (3.3°C- 27°C)**
- Outlet Temperature Control: **80°F-120°F (27°C- 49°C)**
- Maximum Supply Pressure: **150psi (10.3 bar)**
- Flow Rates: **0.5* – 3.2 gpm**

*Must use recirculation loop for <1.0 gpm flow

APPROVALS

- ASSE 1070 "Performance Requirements for Water Temperature Limiting Devices"
- CSA B125.3-05 "Plumbing Fittings"



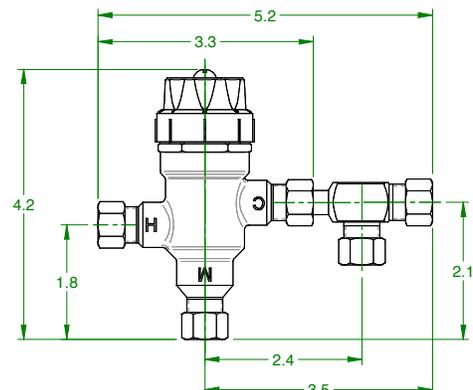
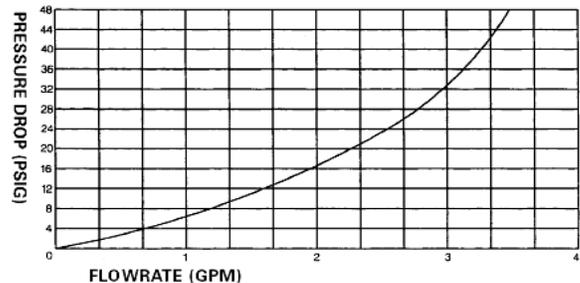
OPTIONS

- Satin Chrome Plated Finish
- Double Outlet Cold Water Bypass

ORDER INFORMATION

Model	Item Number	Description	Weight
MVD	34D30201	3/8" Single Out Bronze	.82
MVDR	34D30217	3/8" Single Out Chrome	.82
MVDB	34D302B1	3/8" Double Out Bronze	1.0
MVDBR	34D302B17	3/8" Double Out Chrome	1.0

FLOW PERFORMANCE



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